

**Abstract of the Disclosure**

An energy supply device for a mortar fuse includes a housing, a driven rotary shaft including a cylindrical shaft surface rotatably disposed in a stationary cylindrical bearing surface in the housing, and a fan connected to the 5 shaft for rotating the shaft in a single direction of rotation in a speed range of 30,000-50,000 rpm. Either of the cylindrical bearing surface or the cylindrical shaft surface has a destructible coating of polytetrafluoroethylene, the coating having a thickness in the range of 0.02-0.03 mm, and being destructible in response to rotation of the shaft in the speed range for a period of time no 10 longer than 5 minutes.